

ABSTRACT

The present invention extends the programming model of OTS by providing a unique model that offers both flexibility and ease of use. This model separates the transactional behavior of CORBA method from the IDL interface. The transactional behavior of the CORBA
5 method is specified in a deployment descriptor file. Each method is associated with a transactional policy. The server reads the policies of the methods during deployment time and makes decisions of making the method transactional based on the policy. Changing the transactional policy of a method is as easy as modifying the deployment descriptor and re-deploying the server. If either of the two usage models that OTS offers is used, making a method
10 transactional means that the IDL interface has to change, causing all the software components in the system to re-compile. With the present invention, such a change can be accomplished without need for such recompilation.

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